

NEGATIVE DECLARATION

Submitting: ☐ Draft
☒ Final
☐ Mitigated Negative Declaration

Project Title: Approval of a Corrective Measures Study (CMS) Report that would allow the U.S. Department of Energy (DOE) and Lawrence Berkeley National Laboratory (LBNL) to implement corrective measures that would remediate contaminants in soil and groundwater associated with historical chemical releases at the facility. If DTSC approves the CMS Report, the selected remediation measures will be put in place.

State Clearinghouse Number: 2005042160

Contact Person: Mr. Iraj Javandel Phone # (510) 486-6106

Project Location (Include County):

LBNL is located at one Cyclotron Road, Berkeley, (Alameda)

Project Description: Four areas of soil contamination and eleven areas of groundwater contamination are evaluated in the CMS Report. Different cleanup technologies are recommended in the CMS Report for areas with soil contamination and areas of groundwater contamination. The primary technologies for soil clean up is excavation and off-site disposal of contaminated soil. The primary technologies recommended for groundwater cleanup are *in situ* flushing and monitored natural attenuation.

Findings of Significant Effect on Environment:

(A copy of the Initial Study which supports this finding should be attached.)

Based on the analysis contained in this Initial Study, it was determined that for all resource areas, the proposed Project would not result in any impacts that are not sufficiently addressed by mitigation measures contained in the 1987 Long Range Development Plan Environmental Impact Report, as amended. Based on this analysis, DTSC prepared a Tiered Negative Declaration. Existing mitigation measures from LRDP EIR, as amended, that are included as part of the Project are as follows:

1. Revegetation of disturbed areas using native shrubs, trees, and grasses will be included as apart of all new projects.
2. Periodic monitoring of disturbed areas, fill slopes, and other areas of exposed soil treated under the revegetation program will be conducted.
3. Construction contract specifications would require that during construction exposed surfaces would be wetted twice daily or as needed to reduce emissions. In addition, contract specifications would require covering of excavated materials.
4. Geologic and soil studies will be undertaken during the design phases of each LBNL building project. Recommendations contained in those studies would be followed to ensure that the effects of landsliding, lurching, and liquefaction potential will not represent a significant adverse impact during a seismic event.
5. Excavation and earth moving will be designed for stability, and accomplished during the dry season when feasible. Drainage will be arranged to minimize silting, erosion, and landsliding. Upon completion all land will be restored, covering exposed earth with planting.
6. Excavations will be shored to preclude minor short-term landslides during construction.
7. Prior to shipping any hazardous materials to any facility, LBNL will confirm that the facility is licensed to receive the type of waste LBNL is proposing to ship.
8. LBNL will require hazardous waste haulers to provide evidence that they are appropriately licensed to transport the types of wastes being shipped from LBNL.
9. Noise generating construction equipment will be located as far as possible from existing buildings. If necessary, windows of laboratories or offices will be temporarily covered to reduce interior noise levels.

Mitigation Measures:

No mitigation measures are required.

//signed by//

DTSC Branch Chief Signature

8/31/05
Date

Mohinder S Sandhu, PE
DTSC Branch Chief Name

Branch Chief
DTSC Branch Chief Title

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